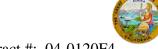
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-002362

Address: 333 Burma Road **Date Inspected:** 18-Feb-2008

City: Oakland, CA 94607

Project Name: SAS Superstructure **OSM Arrival Time:** 830 **OSM Departure Time:** 1730 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name: CWI Present: Yes Zhu Zhong Hai No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A **Electrode to specification:** Yes No Weld Procedures Followed: Yes No N/A **Qualified Welders:** Yes No N/A **Verified Joint Fit-up:** Yes No N/A N/A Yes N/A **Approved Drawings:** Yes No **Approved WPS:** No Yes No N/A **Delayed / Cancelled:**

Bridge No: 34-0006 **Component:** Tower Mock-Ups

Summary of Items Observed:

The Caltrans Quality Assurance Inspector (QA), M. Paul Stovall, was present at Zhenhua Port Machinery Company, (Z. P. M. C.), on Changxing Island, Shanghai, China for the purpose of monitoring the fabrication of the SAS/San Francisco/Oakland Bay Bridge.

The QA Inspector observed Z. P. M. C. welder Yang Lei, ID #040690, air arc weld number MUSA-SA95-15, and the QA Inspector was told that WPS-345-2G (2F)-FCM-Repair and WPS-345-SMAW-3G (3F)-FCM-Repair, will be used, in accordance with Critical Weld Repair (CWR) number 036. After the completion of the air arcing, the weld was ground. Z. P. M. C. Quality Control (QC) personnel then did a Magnetic Particle Test (MT), which was witnessed by the QA inspector. The weld was found to be in compliance with the Contract Documents.

The Qa Inspector observed Z. P. M. C. QC personnel perform an MT on the machined ends of five (5) welded bolt splice connection splices, the drilling of bolt holes in bolt splice connection plates, and Z. P. M. C. personnel remove cut diaphragm plates from Bay 2 and take them to Bay 9.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)





Summary of Conversations:

The QA Inspector had no substantial conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Stovall,Paul	Quality Assurance Inspector
Reviewed By:	Cochran,Jim	QA Reviewer